

selected from the group consisting of: OH, CO_2R^4 , Br, Cl, F, I, CF_3 , $\text{N}(\text{R}^5)_2$, $(\text{C}_1\text{-C}_8)$ -alkoxy, $(\text{C}_1\text{-C}_8)$ -alkyl, $(\text{C}_2\text{-C}_8)$ -alkenyl, $(\text{C}_2\text{-C}_8)$ -alkynyl, $(\text{C}_3\text{-C}_8)$ -cycloalkyl, $\text{CO}(\text{CH}_2)_n\text{CH}_3$, and $\text{CO}(\text{CH}_2)_n\text{CH}_2\text{N}(\text{R}^5)_2$;

5 R^2 is: OR^4 or $\text{N}(\text{R}^5)_2$;

R^3 is:

- 10 (a) $(\text{C}_1\text{-C}_8)$ -alkyl,
 (b) $(\text{C}_2\text{-C}_8)$ -alkenyl,
 (c) $(\text{C}_2\text{-C}_8)$ -alkynyl,
 (d) $(\text{C}_3\text{-C}_7)$ -cycloalkyl,
 (e) aryl, wherein aryl as defined above,
 (f) heteroaryl, wherein heteroaryl as defined above,
 (g) -CHO,
 15 (h) -CO- $(\text{C}_1\text{-C}_8)$ -alkyl,
 (i) -CO-aryl,
 (j) -CO-heteroaryl, or
 (k) - CO_2R^4 ;

20 n is: 0 to 5;

t is: 0, 1 or 2;

R^4 is: H, or $(\text{C}_1\text{-C}_8)$ -alkyl;

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R^5 is: H, $(\text{C}_1\text{-C}_8)$ -alkyl or aryl, wherein aryl as defined above;

R^6 is: H, $(\text{C}_1\text{-C}_8)$ -alkyl or aryl, wherein aryl as defined above; and

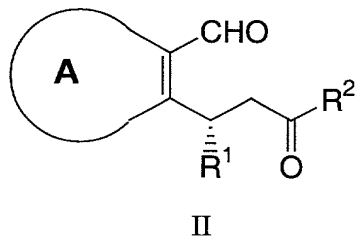
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R^7 is: H, $(\text{C}_1\text{-C}_8)$ -alkyl, aryl or alkyl, wherein aryl is optionally substituted with one to three substituents selected from the group consisting of: OH, CO_2R^4 , Br, Cl, F, I, CF_3 , $\text{N}(\text{R}^5)_2$, $(\text{C}_1\text{-C}_8)$ -alkoxy, $(\text{C}_1\text{-C}_8)$ -alkyl, $(\text{C}_2\text{-C}_8)$ -alkenyl, $(\text{C}_2\text{-C}_8)$ -alkynyl, $(\text{C}_3\text{-C}_8)$ -cycloalkyl, $\text{CO}(\text{CH}_2)_n\text{CH}_3$,

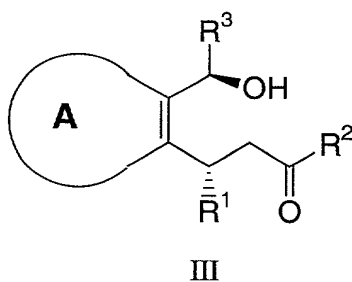
and $\text{CO}(\text{CH}_2)_n\text{CH}_2\text{N}(\text{R}^5)_2$, or when two R^7 substituents are on the same nitrogen they can join to form a ring of 3 to 6 atoms;

comprising the steps of:

- 5 (1) reacting a Grignard reagent with a conjugate adduct compound of Formula II,

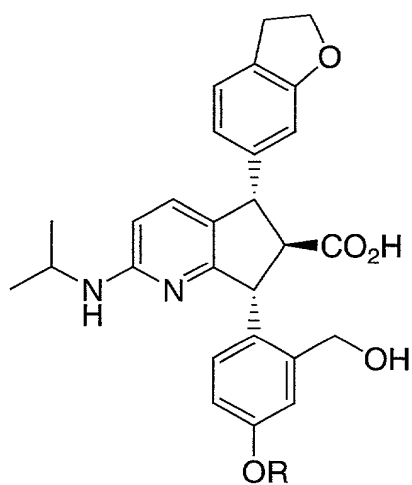


- 10 in the presence of a first aprotic solvent and optionally an additive at a temperature range of about -80°C to about 30°C to give a Grignard addition product of Formula III; and



- 15 (2) adding phosphoramidate reagent to a mixture of the Grignard addition product of Formula III, a second aprotic solvent and a base at a temperature range of about -80°C to about 30°C to produce the desired compound of Formula I.

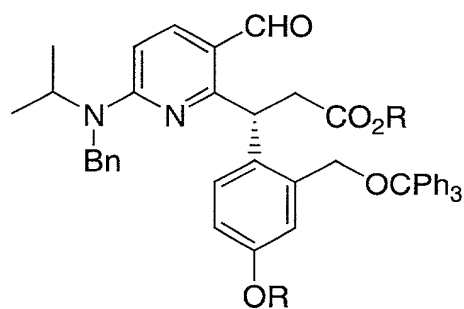
A preferred embodiment of the present invention is a process for preparing a compound of Formula Ia,



Ia

wherein R is independently H or (C₁-C₆)-alkyl comprising the steps of:

- (1) reacting ArMgX reagent with a conjugate adduct of Formula IIa,



IIa

in the presence of a first aprotic solvent at a temperature range of about -80°C to about 30°C to give a Grignard addition product of Formula IIIa, and